

Set	Items	Description
S1	6326	S TIBIA? OR SHINBONE? ? OR SHIN OR SHINS
S2	1348	S PATELLA? OR KNEECAP? OR KNEE() (CAP OR CAPS)
S3	2892179	S SUPRA OR ABOVE OR SUPERIOR? OR OVER OR PROXIMAL?
S4	1660687	S BEHIND OR POSTERIOR? OR UNDER OR UNDERNEATH
S5	230	S S2(3N)S3:S4
S6	8	S SUPRAPATELLA?
S7	2961393	S ACCESS? OR APPROACH? OR ENTER??? OR ENTRANCE? OR INSERT? OR INTRODUC?
S8	11	S S5:S6(5N)S7
S9	749795	S SHEATH? OR SLEEVE? ? OR CANNULA? OR CANULA? OR GUIDEWIRE? OR GUIDETRACK? OR GUIDEMEMBER? OR (GUIDE? ? OR GUIDING OR DELIVER? OR ELONGAT? OR DIRECT? ? OR DIRECTING OR DIRECTION) (2N) (WIRE? ? OR ELEMENT? ? OR MEMBER? ? OR DEVICE? ? OR IMPLEMENT? ? OR UTENSIL? ? OR INSTRUMENT? ? OR TOOL? ?)
S10	1935210	S REAM??? OR DRILL??? OR DRILLBIT? OR SHAVE? ? OR SHAVING? OR CUT OR CUTS OR CUTTER? OR CUTTING OR MILL OR MILLS OR MILLED OR MILLER? ? OR MILLING OR BORE? ? OR BORING OR SCRAPE? ? OR SCRAPING? OR ABRASE? ? OR ABRADING? OR ABRASION? OR FILE? ? OR FILING?
S11	3	S S8(5N)S9
S12	8	S S8 NOT S11
S13	35464	S S9(5N)S10
S14	3	S S1 AND S5:S6 AND S13
S15	3	S S14 NOT (S11 OR S12)
S16	68	S S1(S)S5:S6
S17	1315	S S1 (5N) (PROXIMAL? OR TOP OR CONDYL? OR UPPER OR TUBEROSIT?)
S18	27	S S17 (S) S5:S6
S19	23	S S18 NOT (S11:S12 OR S15)
S20	2	S S17 AND S13 AND S5:S6
S21	0	S S20 NOT (S11:S12 OR S15 OR S19)

; show files

[File 350] **Derwent WPIX** 1963-2007/UD=200738

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**File 350: DWPI has been enhanced to extend content and functionality of the database. For more info, visit
<http://www.dialog.com/dwpi/>.*

[File 347] **JAPIO** Dec 1976-2006/Dec(Updated 070403)

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11/5/1 (Item 1 from file: 350) [Links](#)

Derwent WPIX

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0014651410 *Drawing available*

WPI Acc no: 2004-833429/200482

XRPX Acc No: N2004-658707

Percutaneous-fixator insertion method for tibia fixator, involves s gaining supra patella surgical access to intramedullary canal of tibia proximal end, before inserting tibia fixator into proximal end of intramedullary canal

Patent Assignee: COLE J D (COLE-I)

Inventor: COLE J D

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040243138	A1	20041202	US 2003454826	P	20030314	200482	B
			US 2004799179	A	20040312		

Priority Applications (no., kind, date): US 2003454826 P 20030314; US 2004799179 A 20040312

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20040243138	A1	EN	11	9	Related to Provisional	US 2003454826

Alerting Abstract US A1

NOVELTY - The method involves gaining a supra patella surgical access to an intramedullary canal of the proximal end of a tibia (T), before moving a tibia fixator posterior to a patella (P). The tibia fixator is inserted into the proximal end of intramedullary canal.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- a protective sheath; and
- a tibia fixator insertion tool; and
- a tibia fixator.

USE - For inserting tibia fixator used in fixing tibia proximal end.

ADVANTAGE - Simplifies and ensures reliable insertion of tibia fixator.

DESCRIPTION OF DRAWINGS - The figure shows the side view of the human knee joint with **supra patella insertion of protective sheath**.

30 Protective sheath

34 Distal end

F Femur

P Patella

T Tibia

Title Terms /Index Terms/Additional Words: PERCUTANEOUS; FIX; INSERT; METHOD; TIBIA; GAIN; PATELLA; SURGICAL; ACCESS; INTRAMEDULLARY; CANAL; PROXIMITY; END

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
A61B-017/58			Main		"Version 7"

US Classification, Issued: 606099000

File Segment: EngPI; ;
DWPI Class: P31

11/5/2 (Item 2 from file: 350) [Links](#)

Derwent WPIX

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0008942817 *Drawing available*

WPI Acc no: 1998-494561/199842

Related WPI Acc No: 1996-299710

XRPX Acc No: N1998-386301

Flexible inflow/outflow plastics cannula - has flexible elongated plastics stem with valve housing and attachment device

Patent Assignee: ARTHROSCOPIC ASSISTANTS INC (ARTH-N)

Inventor: BRUCE R P

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5800409	A	19980901	US 19933427	A	19930112	199842	B
			US 1994242703	A	19940513		
			US 1996592794	A	19960126		

Priority Applications (no., kind, date): US 1994242703 A 19940513; US 19933427 A 19930112; US 1996592794 A 19960126

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 5800409	A	EN	7	5	Continuation of application	US 19933427
					Continuation of application	US 1994242703

					Continuation of patent	US 5527276
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Alerting Abstract US A

To direct liquid to or from a site during arthroscopic knee surgery a **cannula/trocar (10)** assembly is **inserted** into the **suprapatellar** pouch, the trocar is removed and liquid is passed through the cannula. The cannula has a flexible segment including the distal end which can bend through 90(deg) and then return to the initial straight position. The segment is pref. of HDPE and its o.d. and wall thickness are both larger at the distal than the proximal end. The cannula may have a housing for an on-off valve.

ADVANTAGE - The cannula can bend with the knee during surgery to prevent it being block or damaging the pouch.

Title Terms /Index Terms/Additional Words: FLEXIBLE; INFLOW; OUTFLOW; PLASTICS; CANNULA ; ELONGATE; STEM; VALVE; HOUSING; ATTACH; DEVICE

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
A61M-025/00			Main		"Version 7"

US Classification, Issued: 604280000, 604264000

File Segment: EngPI; ;
DWPI Class: P34

11/5/3 (Item 3 from file: 350) [Links](#)

Derwent WPIX

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0007678658

WPI Acc no: 1996-299710/199630

Related WPI Acc No: 1998-494561

XRAM Acc no: C1996-095160

XRPX Acc No: N1996-252297

Directing fluid to or from site during arthroscopic knee surgery - using cannula with flexible distal segment (pref. HDPE), cannula being inserted into suprapatellar pouch together with trocar which is then withdrawn

Patent Assignee: ARTHROSCOPIC ASSISTANTS INC (ARTH-N)

Inventor: BRUCE R P

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5527276	A	19960618	US 19933427	A	19930112	199630	B
			US 1994242703	A	19940513		

Priority Applications (no., kind, date): US 19933427 A 19930112; US 1994242703 A 19940513

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 5527276	A	EN	6	6	Continuation of application	US 19933427

Alerting Abstract US A

To direct liquid to or from a site during arthroscopic knee surgery a **cannula**/trocar assembly is **inserted** into the **suprapatellar** pouch, the trocar is removed and liquid is passed through the cannula. The cannula has a flexible segment including the distal end which can bend through 90(deg) and then return to the initial straight position. The segment is pref. of HDPE and its o.d. and wall thickness are both larger at the distal than the proximal end. The cannula may have a housing for an on-off valve.

ADVANTAGE - The cannula can bend with the knee during surgery to prevent it being block or damaging the pouch.

Title Terms /Index Terms/Additional Words: DIRECT; FLUID; SITE; ARTHROSCOPIC; KNEE; SURGICAL; CANNULA; FLEXIBLE; DISTAL; SEGMENT; PREFER; HDPE; INSERT; POUCH; TROCAR; WITHDRAW

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
A61B-0017/34	A	I		R	20060101
A61M-0025/00	A	I		R	20060101
A61B-0017/34	C	I		R	20060101
A61M-0025/00	C	I		R	20060101

US Classification, Issued: 604054000, 604280000

File Segment: CPI; EngPI

DWPI Class: A96; P34

Manual Codes (CPI/A-N): A04-G02E; A12-V03D

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12/5/6 (Item 6 from file: 350) [Links](#)

Derwent WPIX

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0007648214 *Drawing available*

WPI Acc no: 1996-267665/199627

XRFX Acc No: N1996-225103

Cutting tool for recessing posterior surface of patella - has depth gauge mounted within bore of body for movement in direction between ends of body and includes locking member to lock gauge in position on body

Patent Assignee: WRIGHT MEDICAL TECHNOLOGY INC (WRIG-N)

Inventor: FERRANTE J M

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5520692	A	19960528	US 1995395479	A	19950228	199627	B

Priority Applications (no., kind, date): US 1995395479 A 19950228

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 5520692	A	EN	7	8	

Alerting Abstract US A

The guide comprises a body having a first end for engaging the posterior surface of the patella, having a second end, and having a bore extending through it between the first and second ends of it. The bore has a first mouth conterminous with the first end of the body and sized to allow at least a portion of the posterior surface of the patella to extend in to it when the first end of the body engages the posterior surface of the patella. The bore has a second mouth conterminous with the second end of the body and sized to allow the distal end of the cutting tool to extend in await.

The distal end of the cutting tool extends into the second mouth of the bore for engaging the portion of the posterior surface of the patella extending into the first mouth of the bore and for allowing the position of the cutting tool relative to the body when the distal end of the cutting tool engages the posterior surface of the patella to be noted. There is a depth gauge mounted within the bore of the body for movement in a direction between the first and second ends of the body, the depth gauge including stop device for stopping the cutting tool. There is a lock device for locking the depth gauge to the body in a position so that the depth gauge will stop the cutting tool a predetermined distance past the noted position of the cutting tool relative to the body when the distal end of the cutting tool engages the posterior surface of the patella.

ADVANTAGE - The guide is calibrated on the outside to allow for accurate measurement of recessing depth.

Title Terms /Index Terms/Additional Words: CUT; TOOL; RECESS; POSTERIOR; SURFACE; PATELLA; DEPTH; GAUGE; MOUNT; BORE; BODY; MOVEMENT; DIRECTION; END; LOCK; MEMBER; POSITION

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
A61B-017/56			Main		"Version 7"

US Classification, Issued: 606080000, 606079000, 606088000, 606096000

File Segment: EngPI; ;
DWPI Class: P31

12/5/8 (Item 8 from file: 350) [Links](#)

Derwent WPIX

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0004306412

WPI Acc no: 1988-034727/198805

XRPX Acc No: N1988-026001

Femur osteosynthesis method - fastener is introduced under lower pole of patella taken through inter condylar fossa and its distal end sunk into cortical plate

Patent Assignee: TRAUMATOLOGY RES (TRAU-R)

Inventor: IMAMALIEV A S; KURASHVILI I I; LUKIN V P

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
SU 1318225	A	19870623	SU 3817311	A	19841022	198805	B

Priority Applications (no., kind, date): SU 3817311 A 19841022

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
SU 1318225	A	RU	2	0	

Alerting Abstract SU A

The method of osteosynthesis of the femur involves the repositioning and fixation of the fragments used a pin introduced intramedullarly. A short linear incision is made in the soft tissues under the lower pole of the patella to the outside of the ligament proper. The fastener is introduced under the lower pole of the patella and taken through the inter condylar fossa of the femur retrogradely into the distal fragments and its distal and sunk in to the cortical plate.

ADVANTAGE - This method of osteosynthesis of the femur achieves rigid fixation of the fragments in closed repositioning. Bul.23/23.6.87

Title Terms /Index Terms/Additional Words: FEMUR; OSTEOSYNTHESIS; METHOD; FASTEN;
INTRODUCING; LOWER; POLE; PATELLA; THROUGH; INTER; CONDYLE; FOSSA; DISTAL; END; SUNK;
CORTICAL; PLATE

Class Codes

International Patent Classification

Class Level

IPC		Scope	Position	Status	Version Date
A61B-017/56			Secondary		"Version 7

File Segment: EngPI; ;
DWPI Class: P31

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15/5/2 (Item 2 from file: 350) [Links](#)

Derwent WPIX

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0010648565 *Drawing available*

WPI Acc no: 2001-256191/200126

XRPX Acc No: N2001-182594

Instrument system for surgical realignment of knee comprises guide component with apertures along an arc, receiving cannulas having inside guide surface for receiving drill and extension bar for affixing assembly to proximal tibia

Patent Assignee: HOWMEDICA OSTEONICS CORP (HOWN)

Inventor: MCALLISTER C M

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
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US 6190390	B1	20010220	US 1999429248	A	19991029	200126	B
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Priority Applications (no., kind, date): US 1999429248 A 19991029

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 6190390	B1	EN	13	16	

Alerting Abstract US B1

NOVELTY - Guide component (62) has apertures (64) along an arc (66) which follows the arcuate profile of the dome osteotomy. Cannulas (70), which are longer than the thickness of the guide component, have an inside guide surface for receiving a drill and an outside guide surface for being received within one aperture. The first guide is linked to an extension bar (90) for affixing the assembly to the proximal **tibia** (102).

DESCRIPTION - INDEPENDENT CLAIMS are also included for an osteotome and a method for creating a some osteotomy.

USE - For surgical realignment of the knee through proximal **tibial** osteotomy.

ADVANTAGE - This system facilitates the accurate creation of a dome osteotomy in a proximal **tibia** osteotomy for the correction of knee misalignment; enables correction of knee misalignment with minimal bone loss in a high **tibia** osteotomy; allows intra-operative adjustments to attain accurate corrections in accordance with the judgment of the surgeon during the procedure; enables varus or valgus correction; simplifies the procedure; shortens the duration of the procedure and requires minimal invasiveness; promotes early healing; provides a reliable alternative to total knee replacement without adversely affecting the ability of the site to receive it if it becomes necessary in the future; reduces the chances for complications experienced in connection with corrections attempted by employing a wedge osteotomy and provides instruments of simplified construction.

DESCRIPTION OF DRAWINGS - The drawing is a plan view of the drill guide components in place upon a **tibia**.

62 Guide component

64 Aperture

66 Arc

70 Cannula

90 Extension bar

100 **Tibia**

102 Proximal **tibia**

Title Terms /Index Terms/Additional Words: INSTRUMENT; SYSTEM; SURGICAL; REALIGN; KNEE; COMPRISE; GUIDE; COMPONENT; APERTURE; ARC; RECEIVE; SURFACE; DRILL; EXTEND; BAR; AFFIX; ASSEMBLE; PROXIMITY; **TIBIA**

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
A61B-017/56			Main		"Version 7"

US Classification, Issued: 606087000, 606088000, 606054000

File Segment: EngPI; ;
DWPI Class: P31

15/5/3 (Item 3 from file: 350) [Links](#)

Derwent WPIX

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0006781750

WPI Acc no: 1994-167041/199420

XRPX Acc No: N1994-131553

Metho for harvesting autogenous tissue from prosthetic knee ligament - Involves clamping reamer guide and driving reamer through passage, removing, and clamping tibial guide and feed bone plug

Patent Assignee: NEOLIGAMENTS LTD (NEOL-N)

Inventor: COLLINS S; SEEDHOM B; SEEDHOM B B

Patent Family (5 patents, 44 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1994009708	A1	19940511	WO 1993GB2207	A	19931026	199420	B
AU 199453425	A	19940524	WO 1993GB2207	A	19931026	199434	E
			AU 199453425	A	19931026		
EP 682503	A1	19951122	EP 1993923623	A	19931026	199551	E
			WO 1993GB2207	A	19931026		
JP 8507936	W	19960827	WO 1993GB2207	A	19931026	199702	E
			JP 1994510818	A	19931026		
US 5733289	A	19980331	WO 1993GB2207	A	19931026	199820	E
			US 1995424443	A	19950427		

Priority Applications (no., kind, date): GB 19932649 A 19930210; GB 19932634 A 19930210; GB 199222500 A 19921027; GB 199315955 A 19930802

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 1994009708	A1	EN	49			
National Designated States,Original	AT AU BB BG BR BY CA CH CZ DE DK ES FI GB HU JP KP KR KZ LK LU MG MN MW NL NO NZ PL PT RO RU SD SE SK UA US VN					
Regional Designated States,Original	AT BE CH DE DK ES FR GB GR IE IT LU MC NL OA PT SE					
AU 199453425	A	EN			PCT Application	WO 1993GB2207
					Based on OPI patent	WO 1994009708
EP 682503	A1	EN	49		PCT Application	WO 1993GB2207

					Based on OPI patent	WO 1994009708
Regional Designated States,Original	CH DE ES FR GB IT LI					
JP 8507936	W	JA	55		PCT Application	WO 1993GB2207
					Based on OPI patent	WO 1994009708
US 5733289	A	EN	26		PCT Application	WO 1993GB2207
					Based on OPI patent	WO 1994009708

Alerting Abstract WO A1

The method involves clamping patellar reamer guide to patella of the patient, so as to lie **over patella** and define guide passage. Then driving the reamer through the passage so as to form a plug of patellar bone attached to an elongated portion of the tendon.

Then removing the reamer and unclamping the reamer guide, and clamping a **tibial** reamer, or further reamer, through outer periphery of the **tibia** and in line with the patellar bone and the elongated portion of the tendon. Finally feeding the patellar bone plug and elongated portion of the tendon through the reamer, or further reamer, and driving the latter through the further passage to for **tibial** bone plug.

ADVANTAGE - Enable the reaming operation to be monitored, and viewed.

Title Terms /Index Terms/Additional Words: METHO; HARVEST; AUTOGENOUS; TISSUE; PROSTHESIS; KNEE; LIGAMENT; CLAMP; REAM; GUIDE; DRIVE; THROUGH; PASSAGE; REMOVE; **TIBIA**; FEED; BONE; PLUG

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
A61B-017/16; A61B-017/17; A61B-017/56			Main		"Version 7"
A61F-002/08			Secondary		"Version 7"

US Classification, Issued: 606080000, 606096000

File Segment: EngPI; ;
DWPI Class: P31; P32

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19/5,K/1 (Item 1 from file: 350) [Links](#)

Derwent WPIX

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0016528352 *Drawing available*

WPI Acc no: 2007-244578/200725

Related WPI Acc No: 2004-573281

XRPX Acc No: N2007-181962

Cutting guide for bone die cutter, has guide slot in templates attached in cavity of each side housing to guide saw blade during its use to cut bone

Patent Assignee: MEDICINELODGE INC (MEDI-N)

Inventor: GOBLE E M; JUSTIN D F

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
GB 2430627	A	20070404	GB 20041992	A	20040130	200725	B
			GB 200620573	A	20061017		

Priority Applications (no., kind, date): US 2003360250 A 20030206

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
GB 2430627	A	EN	28	8	Division of application	GB 20041992

Alerting Abstract GB A

NOVELTY - The cutting guide (100) has a central plate (102) with a side housing (114,116) on each side. Each side housing has a cavity for attaching the respective template (124,126) into it. The templates have a guide slot to guide a saw blade (140) during its use to cut the bone.

DESCRIPTION - An INDEPENDENT CLAIM is included for method of cutting bone with bone die cutter.

USE - For bone die cutter (claimed) used for performing tibial tubercle osteotomy, to gain access to knee joint, in total or partial knee arthroplasty surgery.

ADVANTAGE - Saw blade is moved in a reciprocating manner so as to penetrate half way into tibial tuberosity. Once the distal portion of tibial tuberosity is elevated, **patellar** ligament is retracted **proximally**, and the knee joint is exposed to perform any number of knee related surgical procedures.

DESCRIPTION OF DRAWINGS - The figure shows the elevated front view of the cutting guide.

100 Guide

102 Central plate

114,116 Side housings

124,126 Templates

140 Saw blade

Title Terms /Index Terms/Additional Words: CUT; GUIDE; BONE; DIE; SLOT; TEMPLATE; ATTACH; CAVITY; SIDE; HOUSING; SAW; BLADE

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
A61B-0017/15	A	I	F	B	20060101
A61B-0017/14	C	I		B	20060101

File Segment: EngPI; ;
DWPI Class: P31

Alerting Abstract ...blade is moved in a reciprocating manner so as to penetrate half way into tibial tuberosity. Once the distal portion of tibial tuberosity is elevated, **patellar** ligament is retracted **proximally**, and the knee joint is exposed to perform any number of knee related surgical procedures...

19/5,K/16 (Item 16 from file: 350) [Links](#)
Derwent WPIX
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0006886603 *Drawing available*
WPI Acc no: 1994-278776/199434
XRPX Acc No: N1994-219701

Intramedullary universal proximal tibial resector guide - includes structure allowing anterior posterior adjustment, medial-lateral adjustment, posterior slope adjustment and vertical adjustment

Patent Assignee: PETERSEN T D (PETE-I)

Inventor: PETERSEN T D

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5342368	A	19940830	US 1992910568	A	19920708	199434	B

Priority Applications (no., kind, date): US 1992910568 A 19920708

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 5342368	A	EN	13	17	

Alerting Abstract US A

The guide includes an intramedullary rod with a longitudinally axis and having a distal end adapted to be inserted within an intramedullary canal of a tibia, and approximal end. There is a bar fixedly attached to the proximal end of the intramedullary rod and extending away from it in a direction perpendicular to the axis. There is a support structure slidably mounted on the bar for movements toward and away from the rod to provide adjustability of the guide in an anterior-posterior direction. The support structure carrying a saw guide having a saw guide slot. The support structure further includes a posterior slope adjustment device for adjusting the posterior slope of the saw guide slot, and medial-lateral adjustment device for adjusting the orientation of the saw guide slot in the medial-lateral direction. There is also a vertical adjustment device for infinitely adjusting vertical position of the saw guide w.r.t. the bar.

ADVANTAGE - Has micrometer adjustment of vertical cutting height.

Title Terms /Index Terms/Additional Words: INTRAMEDULLARY; UNIVERSAL; PROXIMITY; TIBIA; GUIDE; STRUCTURE; ALLOW; ANTERIOR; POSTERIOR; ADJUST; MEDIAN; LATERAL; SLOPE;

VERTICAL

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
A61F-005/04			Main		"Version 7"

US Classification, Issued: 606088000, 606087000

File Segment: EngPI; ;

DWPI Class: P32

Original Publication Data by Authority...**Original Abstracts:**adjustment, medial-lateral adjustment, posterior slope adjustment and vertical adjustment. The design of the precision slot of the present invention best facilitates resection of the **proximal tibia** beneath the **patellar fat** pad. The **vertical** adjustment utilizes a micrometer-type actuator to allow precise adjustment of the appropriate cutting depth. Deep grooves on the intramedullary rod facilitate decompression of the...

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Set	Items	Description
S1	178390	S TIBIA? OR SHINBONE? ? OR SHIN OR SHINS
S2	40533	S PATELLA? OR KNEECAP? OR KNEE() (CAP OR CAPS)
S3	7226219	S SUPRA OR ABOVE OR SUPERIOR? OR OVER OR PROXIMAL?
S4	5414634	S BEHIND OR POSTERIOR? OR UNDER OR UNDERNEATH
S5	1955	S S2(3N)S3:S4
S6	944	S SUPRAPATELLA?
S7	7611432	S ACCESS? OR APPROACH? OR ENTER??? OR ENTRANCE? OR INSERT? OR INTRODUC?
S8	89	S S5:S6(5N)S7
S9	316545	S SHEATH? OR SLEEVE? ? OR CANNULA? OR CANULA? OR GUIDEWIRE? OR GUIDETRACK?
		OR GUIDEMEMBER? OR (GUIDE? ? OR GUIDING OR DELIVER? OR ELONGAT? OR DIRECT? ? OR DIRECTING
		OR DIRECTION)(2N)(WIRE? ? OR ELEMENT? ? OR MEMBER? ? OR DEVICE? ? OR IMPLEMENT? ? OR
		UTENSIL? ? OR INSTRUMENT? ? OR TOOL? ?)
S10	1624881	S REAM??? OR DRILL??? OR DRILLBIT? OR SHAVE? ? OR SHAVING? OR CUT OR CUTS
		OR CUTTER? OR CUTTING OR MILL OR MILLS OR MILLED OR MILLER? ? OR MILLING OR BORE? ? OR
		BORING OR SCRAPE? ? OR SCRAPING? OR ABRAD? ? OR ABRADING? OR ABRASION? OR FILE? ? OR
		FILING?
S11	0	S S8(5N)S9
S12	3059	S S9(5N)S10
S13	1	S S5 AND S12
S14	6	S S8(S)S9
S15	6	S S14 NOT S13
S16	3	RD (unique items)
S17	1	S S1 AND S5:S6 AND S12
S18	0	S S17 NOT (S13 OR S15)
S19	57	S S1 AND S5:S6 AND S9:S10
S20	23	S S19/2004:2007
S21	34	S S19 NOT (S13 OR S15 OR S20)
S22	19	RD (unique items)

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[File 155] **MEDLINE(R)** 1950-2007/Jun 19

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[File 5] **Biosis Previews(R)** 1926-2007/Jun W3

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[File 8] **Ei Compendex(R)** 1884-2007/Jun W2

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Set	Items	Description
S1	38878	S TIBIA? OR SHINBONE? ? OR SHIN OR SHINS
S2	3134	S PATELLA? OR KNEECAP? OR KNEE() (CAP OR CAPS)
S3	11754895	S SUPRA OR ABOVE OR SUPERIOR? OR PROXIMAL? OR BEHIND OR POSTERIOR? OR UNDER OR UNDERNEATH
S4	215	S S2(3N)S3
S5	52	S SUPRAPATELLA?
S6	14683098	S ACCESS? OR APPROACH? OR ENTER??? OR ENTRANCE? OR INSERT? OR INTRODUC?
S7	10	S S4:S5(5N)S6
S8	291442	S SHEATH? OR SLEEVE? ? OR CANNULA? OR CANULA? OR GUIDEWIRE? OR GUIDETRACK? OR GUIDEMEMBER? OR (GUIDE? ? OR GUIDING OR DELIVER? OR ELONGAT? OR DIRECT? ? OR DIRECTING OR DIRECTION)(2N)(WIRE? ? OR ELEMENT? ? OR MEMBER? ? OR DEVICE? ? OR IMPLEMENT? ? OR UTENSIL? ? OR INSTRUMENT? ? OR TOOL? ?)
S9	9538875	S REAM??? OR DRILL??? OR DRILLBIT? OR SHAVE? ? OR SHAVING? OR CUT OR CUTS OR CUTTER? OR CUTTING OR MILL OR MILLS OR MILLED OR MILLER? ? OR MILLING OR BORE? ? OR BORING OR SCRAPE? ? OR SCRAPING? OR ABRAD? ? OR ABRADING? OR ABRASION? OR FILE? ? OR FILING?
S10	4100	S S8(5N)S9
S11	8	RD S7 (unique items)
S12	0	S S1(S)S4:S5(S)S10
S13	2	S S1(S)S4:S5(S)S8:S9
S14	2	S S13 NOT S7

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